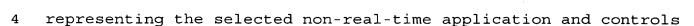


- 1. A critical care workstation, comprising:
- 2 a display device;
 - a processor, coupled to the display device, executing:
 - a general purpose operating system, controlling execution of a selected non-real-time application program for displaying images representing non-real-time data on the display device; and
 - a real-time kernel, controlling execution of a process for displaying images representing real-time data on the display device simultaneously with the display of the non-real-time data; and.

circuitry, responsive to user input, for selecting the non-real-time display program from among a plurality of available non-real-time display programs.

- 2. The workstation of claim 1 wherein the general purpose operating system executes simultaneous with and independent from the real-time kernel.
- 3. The workstation of claim 1 further comprising a storage device, coupled to the processor, wherein the plurality of available non-real-time application programs are stored on the storage device and the general purpose operating system selects one of the stored plurality of non-real-time application programs in response to the user input.
 - 4. The workstation of claim 3 wherein the storage device stores code and data representing the non-real-time application program and the processor retrieves the stored code and data



- 5 the execution of the retrieved code and data.
- 5. The workstation of claim 1 further comprising a connection to a network comprising a server capable of storing the
 plurality of non-real-time application programs and the general
 purpose operating system selects one of the stored plurality of
 non-real-time application programs in response to the user input.
 - 6. The workstation of claim 5 wherein the server stores code and data representing the non-real-time application program and the processor retrieves the stored code and data representing the selected non-real-time application and controls the execution of the retrieved code and data.
 - 7. The workstation of claim 1, wherein the real-time data is physiological data.